

# Fontane.

MARKET SEGMENT

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Processing  
Flakes, Crisps,  
French fries

An early maincrop high yielding processing variety for the production of French fries and flakes.

- ▶ Large tubers
- ▶ High dry matter content
- ▶ Suitable for different types of soil



## CHARACTERISTICS

### General characteristics

**Breeder:** Lantmännen Seed B.V.  
**Crossing:** AGRIA x AR 76-034-03  
**Seedling:** SW 87-1140  
**Breeder rights:** 31-12-2028

### Plant and tuber characteristics

**Maturity:** early maincrop / 5,5  
**Light sprout colour:** blue violet  
**Flower colour:** white  
**Number of berries:** below average / 5  
**Foliage: - initial development:** quite fast / 7,5  
**Foliage: - final development:** average / 7  
**Foliage: - selectability:** average / 6  
**Foliage: - plant firmness:** quite firm / 7

**Flesh colour:** light yellow / 6,5  
**Skin colour:** yellow  
**Skin finish:** quite poor / 5  
**Tuber size:** quite large / 7  
**Tuber shape:** oval  
**Regularity of tuber shape:** quite regular / 6,5  
**Tuberisation:** quite high / 7  
**Regularity size:** quite regular / 6

### Sensitivity and quality

**Dormancy:** quite short / 5,5  
**Metribuzin:** slightly to not sensitive / 8  
**Bentazon:** quite sensitive / 6  
**Ethylene:** 15% to 25% more tubers / 7

**Secondary growth:** quite sensitive / 6  
**Growth cracks:** quite sensitive / 6  
**Black spot (internal bruising):** quite sensitive / 6  
**Harvest damage:** quite sensitive / 6

**Underwater weight:** 430  
**Dry matter content:** 23,2%  
**Dry matter distribution:** average / 6,5  
**TGA - level:** 6,1

**Crisping quality:** average / 6  
**Fries quality:** very good / 7,5  
**Cooking type:** floury / BC  
**Raw discolouration:** sensitive / 5,5  
**Discolouration after cooking:** quite sensitive / 6,5



# HOW TO GROW

[www.agrico.nl/en/fontane](http://www.agrico.nl/en/fontane)

## Fertilization<sup>1</sup>

**Nitrogen:** standard advice + 30%. It is possible to use organic manure.

**Phosphate:** standard advice.

**Potassium:** standard advice + 10%.

<sup>1</sup> Level of fertilization is based on soil analysis

## Seed treatment

Desprouting more than twice can have a negative impact on yield and size regularity. Can be planted directly out of the cold store, preferably after a short heat shock.

## Planting distance

28/35 mm: 27 cm (50,000 plants/ha)

35/55 mm: 33 cm (40,000 plants/ha)

50/55 mm: 40 cm (33,000 plants/ha)

## Weeds

After emerge, a standard use of metribuzin (Sencor) doesn't give foliage reaction or yield reduction.

## Fungicides

A strict preventive spraying schedule against late blight is necessary.

## Harvest

Due to its sensitivity scores for black spot and/or harvest damage, wait at least three weeks after haulm killing before harvest.

## Storage

Preferred storage temperature is 5 °C. For processing purposes, do not store below 7 °C. Suitable for long term storage.



Say potato,  
say **Agrico.**

## Resistances

**Golden nematode Ro 1/4:** resistant / 9

**Golden nematode Ro 2/3:** - / -

**White nematode Pa 2:** - / -

**White nematode Pa 3:** - / -

**Late blight-foliage:** susceptible / 5

**Late blight-tuber:** slightly susceptible / 6,5

**Common scab:** slightly susceptible / 6

**Powdery scab:** slightly susceptible / 6

**Fusarium:** slightly susceptible / 6

**Erwinia:** slightly susceptible / 6

**Black dot:** - / -

**Spraing:** slightly susceptible / 6,5

**Virus - Leaf Roll:** slightly susceptible / 6

**Virus - A:** - / -

**Virus - X:** slightly susceptible / 7

**Virus - Yn:** susceptible / 5,5

**Virus - Yntn:** slightly susceptible / 7

**Wart disease F1:** quite susceptible / 6

**Wart disease F6:** moderate susceptible / 8

**Wart disease F18:** - / -